RAW SEQUENCE LISTING

* 13

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10

Source:

Date Processed by STIC:

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IFWP

RAW SEQUENCE LISTING DATE: 09/15/2006
PATENT APPLICATION: US/10/591,550 TIME: 09:18:47

Input Set : A:\Sequence Listing - 13987-00021-US.txt

Output Set: N:\CRF4\09152006\J591550.raw

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3 <110> APPLICANT: Song, Hee-Sook
            Roche, Christina
             Morra, Marc
      5
      6
             Dammann, Christian
     7
              Jensen, Timothy
             Dobson, Alleson
     10 <120> TITLE OF INVENTION: TRANSGENIC EXPRESSION CONSTRUCTS FOR VEGETATIVE PLANT TISSUE
             SPECIFIC EXPRESSION OF NUCLEIC ACIDS
     13 <130> FILE REFERENCE: 13987-00021-US
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/591,550
C--> 15 <141> CURRENT FILING DATE: 2006-09-01
     15 <150> PRIOR APPLICATION NUMBER: PCT/EP2005/002052
     16 <151> PRIOR FILING DATE: 2005-02-26
     18 <150> PRIOR APPLICATION NUMBER: US 60/548911
     19 <151> PRIOR FILING DATE: 2004-03-01
     21 <150> PRIOR APPLICATION NUMBER: US 60/591452
     22 <151> PRIOR FILING DATE: 2004-07-27
     24 <160> NUMBER OF SEQ ID NOS: 19
     26 <170> SOFTWARE: PatentIn version 3.3
     28 <210> SEO ID NO: 1
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DATE: 09/15/2006

PATENT APPLICATION: US/10/591,550 TIME: 09:18:47 Input Set : A:\Sequence Listing - 13987-00021-US.txt Output Set: N:\CRF4\09152006\J591550.raw 58 agcataacat getttgaaac ecacacatt aaattaatgt taggaatate aaatecaata 180 59 taaaatcata gttgtcaatt acatactcaa tcaagtccct ttcttttacc caataaacat 240 60 caacatattg cttcttccat taagcatata aacatcaaag tctaaaacta gcaaaatgtt 300 61 gtttttagga tgacacattt catacatagt ttaaaagata cttgattcga ttacaaaaag 360 62 aaattaccaa tagtttagca caaagtctaa aqcataatta aaqcatcaca tqtqcagatt 420 63 tatgaaaaaa agattaagat tgcccctttc atcacqqqtc qaataataqc actacttqtc 480 64 actacatgtt aaaaaaatgt cctctagtac atcaaacttt ttccattgat tccccttatc 540 65 catgaaaaaa ataaacaaat tottaagaca caaaaaaatg gooccacato ottitttotg 600 66 gcctagtttg titgaatica tictaactci igaatatgia acgaggccca ctaaaaatca 660 67 atcaatgatt taacataaaa aatgaatagt ttaattccaa tttgctgcaa catggtccgt 720 68 qaatatqact cacqaqaaaq atatatcaaa atatcaaaat ttcataqttt ttttcaccat 780 69 ataaacctca tcactcattc tattttttta agtgcaaagc ttcatagtag tgagcacaca 840 70 cattacacta aaatcttcga aac 863 72 <210> SEQ ID NO: 2 73 <211> LENGTH: 1380 74 <212> TYPE: DNA 75 <213> ORGANISM: Glycine max 77 <220> FEATURE: 78 <221> NAME/KEY: promoter 79 <222> LOCATION: (1)..(1380) 80 <223> OTHER INFORMATION: promoter region of SbHRGP3 gene including 5' untranslated region 82 <220> FEATURE: 83 <221> NAME/KEY: misc_feature 84 <222> LOCATION: (800)..(1179) 85 <223> OTHER INFORMATION: potential core region of the promoter comprising clusters of promoter elements 88 <220> FEATURE: 89 <221> NAME/KEY: TATA signal 90 <222> LOCATION: (1147)..(1152) 91 <223> OTHER INFORMATION: TATA signal 93 <220> FEATURE: 94 <221> NAME/KEY: 5'UTR 95 <222> LOCATION: (1180)..(1380) 96 <223> OTHER INFORMATION: potential 5' UTR 98 <400> SEQUENCE: 2 99 tagaaagett tteaacaate atgeceatgt caagtgtaaa acaggtttae etetettaaa 60 100 taaccgtatt aaaatgctga atgatgtata tatgtgggtt caaattacat aatttgtaag 120 101 tatgttacac attgtataaa tatgttttag agaaaaatgt aaacttatat gtctaaagtt 180 102 ataaaagaaa catgtccaac acatttcagt taagatttaa atagtataaa ttaaaaatta 240 103 tcgatgatga caaaaaattg taaatataat tcattttaaa aaaagttaag aaattgaaaa 300 104 aggaaatatc gagaaaaaaa tatgtcgatt atatatatgt gtgagctgag tgaatatata 360 105 tgtatatttt atttttgact gaatatatgt gtgtatagac aataatgcgc agaatgccga 420 106 tcgatgaatt gtttactgca tttccaaata tgtgtgcata agcgttccac atgtcaccca 480 107 tgttgtaatt agtttcttcc ctggatgaat tactaagaaa cagattgatt gatagtacta 540 600 109 taataggaag tcacagacaa tttgaagaca atttctttag cttacctatc tcatgccaca 660 110 attatgtact tacgacagta aaatgtttaa aagcaaaaaa aagaaagaag aagaagaagt 720 111 aataaatgga attatataqa atqtactctt tgtcttcatc tgccctataa ttcctqcagc 780 112 agccaaagca taataqcatq caatatqcac atattcqttt taggctttta gcctccacqa 840

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Input Set : A:\Sequence Listing - 13987-00021-US.txt

Output Set: N:\CRF4\09152006\J591550.raw

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ttataattat ttccatatag ctagctgtct ctatctaatc caaatccgct ttccacaacc	1200
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gtttaggaag agaattgtaa gagataaaat ctaagtactc cacctaccaa gataaaatag	1320
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190 <223> OTHER INFORMATION: 5' untranslated region
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197 ttacacattg tataaatatg ttttagagaa aaatgtaaac ttatatgtct aaagttataa
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198 aagaaacatg tccaacacat ttcagttaag atttaaatag tataattaaa aattatcgat
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199 gatgacaaaa aattgtaaat ataattcatt ttaaaaaaaag ttaagaaatt gaaaaaggaa
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202 gaattgttta ctgcatttcc aaatatgtgt gcataagcgt tccacatgtc acccatgttg
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204 aattatgtag ctttacatgt caggaaaatg tagttgcagt attatgtaat gtaattaata
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214 tataattatt tecatatage tagetgtete tatetaatee aaateegegt tecacaacea
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216 agaattgtaa gagataaaat ctaagtactc cacctaccaa gataaaatag ttggataaat
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233 <223> OTHER INFORMATION: potential core region of promoter

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237 <222> LOCATION: (1143)..(1148)
238 <223> OTHER INFORMATION: TATA signal
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243 <223> OTHER INFORMATION: 5' untranslated region
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255 gtaattagtt tetteeetgg atgaattaet aagaaacaga ttgattgata gtaetatatt
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268 aggaagagaa ttgtaagaga taaaatctaa gtactccacc taccaagata aaatagttgg
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284 <222> LOCATION: (793)..(1172)
285 <223> OTHER INFORMATION: potential core region of promoter
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289 <222> LOCATION: (1140)..(1145)
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/15/2006
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Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,10,11,12,13,14,15,16,17,18,19

VERIFICATION SUMMARYDATE: 09/15/2006PATENT APPLICATION: US/10/591,550TIME: 09:18:48

Input Set : A:\Sequence Listing - 13987-00021-US.txt

Output Set: N:\CRF4\09152006\J591550.raw

 $\hbox{L:15 M:270 C: Current Application Number differs, Replaced Current Application No}$

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date